

**Mohamed Sathak AJ College of Engineering, Chennai - 603103**  
**Annual Report: 2020 – 2021**

Distinguished Chief Guest for the annual day, Dr.K.Prabakar Superintendent of Police, CMRL Chennai, Our Director Mr. Mohamed Kadar, Distinguished Invitees, Heads & Hods, Members of Faculty, Students and Staffs Good afternoon to one and all present here!

It is my great pleasure and privilege, to extend a very hearty welcome to each one of you for this annual day function of Mohamed Sathak AJ College of Engineering.

I am privileged to welcome our esteemed Chief Guest Dr.K.Prabakar Superintendent of Police, CMRL Chennai, with varied experience. Your gracious presence at this function makes it inspiring and memorable one. A warm welcome to you sir.

We deem it a great honor to welcome Mr.A.N.Mohamed Irfan You Tuber has very kindly agreed to grace this function, as the Guest of Honor; Your gracious presence at this function is exciting us; A warm welcome to you sir.

I am immensely delighted to extend my heartfelt welcome to Our Director Mr.Mohamed Kadar, your mere presence inspires and makes the event a memorable one. I am elated to welcome you sir.

It is my great pleasure and privilege, to extend a very hearty welcome to all the Dean, Hods, faculties, students and staffs for this formal and grand occasion. We are delighted and looking forward to the valuable messages from our chief guest, Sir your messages will make an impact on our students and faculty, it shall certainly carve out a bright future for them.

I am happy to inform that, 2 of our UG programs CSE & IT in the process of accredit by NBA New Delhi and campus accreditation by NAAC in this academic year. Our institute in the process of recognition by UGC under 2F of UGC act 1956, classified as Silver category by AICTE – CII Industry linked technical institute’s survey for the year 2021. Upgrading all the department as approved nodal research centre for Academic research under Anna University Chennai and SIRO – DSIR Govt. of India certification is in pipeline. As per the industrial demand, popular among public, parents and students interest and request we are in the process of expand our wings to introduce new courses with 30 seats in B.Tech in Computer Science and Business System and Artificial Intelligence and Data Science from the academic year 2022 - 2023 with subject to the approval of AICTE New Delhi & Anna University Chennai.

It is most gratifying to mention the academic excellence of our institution is evident in the fact that the overall pass percentage of our students keep increasing. We have made a giant leap in overall rank 91<sup>st</sup> position in Dec 2020 examination among 520 colleges in Tamilnadu. With the constant support and monitoring of management, commitment of faculty and dedicated effort of our students our academic performance is improving continuously. It attracts the top performers of +2 examinations, entrusting their future at MSAJCE and improve our admission in increasing trend.

In terms of co-curricular activities our faculty and students had enrolled very actively in professional bodies of national and international repute for improving their innovative ideas, team building and leadership skills. As a part of these activities the following programs were organized in this academic year

In this academic year our students show cased their talents in various industrial competitions and Hackathons. Few of the notable performances are

1. Our III yr CSE students Ms Ganga & team were one among the finalist in Smart India Hackathon 2020 organised by MHRD & AICTE
2. Our faculty & students were winners & in placed in the top 100 list of Mapathon competition organized by IITB-ISRO-AICTE
3. Our students Mr Narendren, Mr Nizamulhaq were semifinalist in Swadeshi Microprocessor Challenge organized by IIT Madras, C-DAC & Ministry of electronics & information technology.They were awarded 1 lakh fund to develop the prototype.
4. Our mechanical students Mr Asbaq Meeran, Mr Abdul Mukshith and Jamaludeen were among the finalist in IIC National Innovation Contest organized by IIC - MHRD Innovation Unit.
5. Mr.P.Abrar Musharraf, Mr.K.H.Sakthivel & Mr.H.Lalith Adithyan of CSE participated in No Contact event organized by National Institute of Technology, Trichy and won cash prize of Rs. 8500/-.
6. In sports, our students received 3 Awards in Zonal / State / National level competitions organized by the various institutes of repute.

The college has adopted 5 villages Siruseri, Karanai, Perumpakkam, Puzhuthivakkam and Thazhambur under the Unnat Bharat Abhiyan( UBA ) scheme of Govt. of India. The proposal titled Automatic Water Level Indicator & Motor Control Using Mobile Application has been awarded Rs.1 lakh funding under the Technical Intervention project by UBA.

The College has been moving ahead as one of the premier Institutes in Tamil Nadu with its work culture, healthy academic practices, traditional values, resulting in overall student development, which increased the Employability of our students.

I am very glad to inform that 70 % of our final year students registered for placement have been recruited by various leading industries in this academic year highest Pay package of 5.6 Lakh per annum by Gabreial Technologies Pvt Ltd. Our aim is primarily to assist our students to become employment generators rather than job seekers. In order to extent our support Sathak Innovation Incubation Foundation registered under section 8 companies act and form 12 for tax exemption approved by Govt. of India. It will provide the pathway for our students to support and establish Startups, Incubation, Entrepreneur activities. In-house foreign language training classes is in the process of starting in this academic year for German and Japan languages. GATE, GRE, TOEFL and other Public service examinations trainings are likely to start in the forth coming academic years. Product Development activities have been initiated with industrial tie ups like Open Wave Computing Pvt Ltd, and Gowatr made in this academic year. In addition space given for the industry Precision Instruments Electronics Madras Pvt Ltd and DNA Engineering LLP a start up stated their operation inside our campus in this academic year.

We have established good relationship with leading industries through MOU's for mutual benefit in Education, Training, Scientific, Industrial Research and Project Consultancy. Eminent Personalities from leading industry and Institute are regularly invited to address the students to provide awareness on projects, trends and developments in current technology. This initiative has opened up avenue to 25% of our students got the internship opportunity with stipend, in addition they would undertake industrial consultancy projects from the reputed industries.

We, at MSAJCE have given equal emphasis to both teaching and research, which are the twin academic concerns of any educational institution of repute. A wide variety of research is being carried out by our faculty as it is evident from total of 44 scientific and technical papers published in Scopus, SCI and Web of Science journals and 3 patents & 10 Copy rights has filed in this academic year. The college has received projects TNSCST Govt. of Tamilnadu for the proposal submitted by our faculty and students. As a part of the academic research around 20 faculty members pursuing their research work under various universities of repute.

For the betterment of faculty around 61 faculty members were sponsored to participate in FDP organized by various institute of repute and 12 programs were organized internally for the betterment of technical and non teaching staff.

Technology has to be constantly upgraded to keep pace with the desired improvements in academic quality. To facilitate greater learning experience in the campus, the college invested hugely in providing facilities such as new laboratories, software's, COEs / Industry oriented labs, Incubation center, enhanced the facilities of library in this academic year. In addition, we got approval from AICTE under KARMA Scheme for 6 Skill development courses

1. Computer Hardware and Networking
2. Artificial Intelligence and Machine Learning
3. 3 D Printing and Additive Manufacturing
4. Refrigeration and Air Conditioning
5. Embedded System
6. Architectural Drafting and 3D Design.

As a part of institutional social responsibility initiative the following activities are organized in the academic year 2018 -2019.

1. Career guidance program will be conducted every year to create awareness about higher Education at 100+ Schools in various districts of Tamilnadu
2. Nimbus workshop will be conducted for the + 2 students to have the better perspective about Engineering Education in the month of June - every year.
3. Algorithim - Carnival of Science Project Exhibition for 10<sup>th</sup>, 11<sup>th</sup> and 12<sup>th</sup> students organized on National Science Day to enable them to have better knowledge about science subjects through simple working models and applications. In this academic year around 700+ students from Chennai, Kancheepuram and Thirvallur Dist students were participated.
4. Tech Jumboree Project Exhibition Version 2.0 for Polytechnic students organized to enable them to have better knowledge about science subjects through simple working models and applications. In this academic year around 900+ students from various parts of Tamilnadu were participated.
5. I am glad to submit that we inculcate in our students the spirit of service to the needy sections of society; Our NSS unit organized Cleanliness awareness camp, Avoidance of plastics, Blood

Donation Camp, Dental camp, Medical camps and Tree plantation camps in the adopted villages and our campus.

I take enormous pride in recognizing the contribution of the teaching faculty. All these achievements are the results of the concerted efforts of our faculty members. They put in a lot of efforts to mold each student and they hold themselves to the highest academic standards.

MSAJCE provides academic ambience through inspiration, fosters enthusiasm and motivation so as to realize challenging and rewarding career pathway to the students. Our unwavering commitment to “Quality and experiential learning” ensures that our students develop abilities for critical thinking and evaluation of issues; they are trained to transform ‘Concepts and Theoretical Knowledge in to Real time systems`. Besides these, our students are molded to be socially aware and become responsible citizens to make effective contributions towards ‘Societal transformation and Nation building`.

When we look back on the path we have traversed, we notice that we have much more to accomplish. Our forward march in the field of technical education and research continues pushing us on to reach greater realms.

I wish to express our gratitude to the management for the vision, support and steady encouragement in all our endeavors. My sincere thanks to all the faculty members for their whole hearted cooperation and team dynamics in all our accomplishments to become premier institution in the state.

Once again, I wish to express our gratefulness to our distinguished chief guest, Guest of Honor and our Director for gracing this occasion.

We congratulate all the winners and wish them continuing success in all the future endeavors.  
Thank You!

**Principal**